

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
851663.432USPCAPPLICATION NO.  
09/980,443

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS  
Hong Lye Oh et al..FILING DATE  
August 8, 2002GROUP ART UNIT  
1734

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|------|------|-------|----------|-------------------------------|
|                      | AA |                 |      |      |       |          |                               |
|                      | AB |                 |      |      |       |          |                               |
|                      | AC |                 |      |      |       |          |                               |
|                      | AD |                 |      |      |       |          |                               |
|                      | AE |                 |      |      |       |          |                               |
|                      | AF |                 |      |      |       |          |                               |
|                      | AG |                 |      |      |       |          |                               |
|                      | AH |                 |      |      |       |          |                               |
|                      | AI |                 |      |      |       |          |                               |
|                      | AJ |                 |      |      |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT NUMBER | DATE     | COUNTRY                   | TRANSLATION |
|----|----|-----------------|----------|---------------------------|-------------|
|    |    |                 |          |                           | YES NO      |
| JH | AK | EP 0468297 A    | 01/29/92 | EP ( + English Abstract)  |             |
| JH | AL | WO 95/30310     | 11/09/95 | WIPO                      |             |
| JH | AM | EP 0831642 A2   | 03/25/98 | EP                        |             |
| JH | AN | JP 10-191347    | 07/21/98 | JP (+ English Abstract)   |             |
| JH | AO | WO 98/43434     | 10/01/98 | WIPO (+ English Abstract) |             |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |   |
|----|----|---|
| JH | AP | Hang et al., "Motion Estimator for Video Coding Standards," <i>Journal of VLSI Signal Processing</i> 17 (2/03): 113-136, 1997.  |
| JH | AQ | Ziegler, "Hierarchical Motion Estimation Using the Phase Correlation Method in 140 MBIT/S HDTV-CODING," <i>Proceedings of the Third International Workshop on HDTV</i> : 131-137, 1990. |

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).